Section B Agricultural Concept Proposal Results

Feasibility Studies, Pilots & Demonstration Projects

PIN	Rank	Applicant	Title	Proposed Applicant Share	Requested Funds	Funds Adjusted to Cap	Comment*	Invite Back?
10197	1	University of California, Fresno Foundation	Utilizing Ethanol CO_2 Emissions to Enhance WUE	$0	$192,150	$192,150	Include details on CO_2 control mechanism; provide references from prior field studies.	Yes
10419	2	California State University Monterey Bay	Development of the Viticultural Information System (VITIS)	$0	$189,500	$189,500	The applicant is expected to present detailed discussions of the various models and a brief summary of results from the previous study in the proposal.	Yes
10313	3	Ag Water Management Council	Survey of Regulated Deficit Irrigation Activities	$0	$98,175	$98,175	Include a comprehensive survey and quantify benefits.	Yes
10317	4	Reclamation District 1500	Joint Sutter Basin Irrigation Recycling Project	$15,000	$182,720	$182,720	Estimate net water savings for project.	Yes
10356	5	Northern California Joint Exercise of Powers	Sac Valley Regional Water Use Management Study	$14,345	$200,000	$200,000	Clarify why screening of previously identified projects is needed. Is it to develop new projects or refine/or quantified existing projects. Link potential water savings with water quality improvements.	Yes
10421	6	California Avocado Commission	Study at Groves for Irrig. Regulated by ET Controllers	$20,000	$68,000	$68,000	Better quantify and validate potential water savings. Could be locally cost effective. The applicant is expected to recheck the numbers on potential water savings. Also, include any plans for outreach activities.	Yes
10397	7	University of California, Los Angeles	Improving Irrigation Efficiency through Merging of Remotely…	$0	$173,995	$173,995	Applicant should present detailed descriptions (with references) of the different models (crop and radiative transfer) planned to be used and these are coupled with remotely sensed data to provide information on irrigation rates.	Yes
Proposals below this line received a score above 70 but exceeded 200% of available funds.								
10250	8	Grassland Water District	Development of Wetland BMPs for salt management	$115,000	$882,500	$200,000	**Moved from Ag Section A to Ag Section B.** Limit to funding cap. If invited back the applicant should re-define project with feasibility parameters and within funding cap for AG B cap.	No
10379	9	Yolo County Flood Control & WCD	Augmenting In-Stream Flows in Cache Creek	$36,000	$200,000	$200,000	This project needs to better explain the benefits it will provide to the Yolo IRWMP, and how it will contribute to the second priority.	No
10262	10	USBR	GIS & Web Based Water Mgmt. Decision Support System	$66,908	$147,650	$147,650	Clarify objectives; needs a sound outreach element.	No
10240	11	Reclamation District 1000	Natomas Basin Tailwater Recovery Feasibility Study	$0	$80,000	$80,000	Quantify net benefits and include maps. How does a reduction of tailwater discharge enter the Sac. River and results in a greater water quantity to the Delta.	No
10335	12	Glenn-Colusa Irrigation District	Feasibility of Applying Remote Sensing of ET	$65,501	$162,443	$162,443	The project needs to better explain real water saving (water conservation component).	No

10270	13	California State University, Fresno Foundation	Monitoring & Assessment of selenium, boron, salinity	$0	$193,950	$193,950	Increase grantee cost share given high local benefits.	No
Proposals below this line received a score below 70.								
10193	14	Western Shasta RCD	High Efficiency Irrigation w/Green Power Generation Feasibility Study	$7,905	$200,000	$200,000	A low priority targeted CalFed benefit not first priority. Applicant should list all water savings measured as acre-feet/year.	No
10292	15	Nature Conservancy	Shasta River Water Conservation & Flow Enhancement	$141,932	$200,000	$200,000	Applicant should include costs in budget for each year.	No
10448	16	Maxwell Irrigation District	Improving Flow Measurement within Colusa Sub-Basin	$0	$172,300	$172,300		No
10385	17	California State University, Fresno Foundation	Feasibility Study to demonstrate method for crop mapping	$0	$198,450	$198,450	This concept proposal does not provide details that are needed to assess the feasibility of this project. Much more details on the methodology of achieving the objectives should be presented with the proposal. Models to be used have to be discussed.	No
10405	18	Coachella Valley Water District	Optimal Upgrade of Ageing Ag Infrastructure	$1,000,000	$3,000,000	$200,000	No significant State benefits was mentioned in the proposal. **Moved from Ag Section A to Ag Section B.** Limit to cap.	No
Proposals below this line were ineligible and not scored.								
10365	n/a	Panoche Drainage District	Agricultural Drainage Desalination Water Supply				Reverse osmosis is not an eligible project type.	No

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Technical Assistance

PIN	Rank	Applicant	Title	Proposed Applicant Share	Requested Funds	Funds Adjusted to Cap	Comment*	Invite Back?
10282	1	California State University, Fresno Foundation	WATERIGHT website	$0	$42,900	$42,900	Explain what is being upgraded within the website and improve outreach.	Yes
10300	2	Ag Water Management Council	Canal Automation Monitoring & Verification Protocols	$0	$103,740	$103,740	Include details and quantification.	Yes
10438	3	Consolidated Irrigation District	Canal Modernization	$82,790	$200,000	$200,000	SCADA stands for Supervisory Control And Data Acquisition, based on my Google and encyclopedia searches. In the proposal it is interpreted as Systems Control and Automated Data Acquisition, which seems incorrect.	Yes
10310	4	Cachuma RCD	Mobile Irrigation Lab	$271,195	$600,578	$200,000	Limit to cap. Costs are excessively high. On farm evaluation shall be included in progress reports. **Moved from Ag Section A to Ag Section B.**	Yes
10219	5	Tehama County RCD	Northern Sacramento Valley Mobile Irrigation Lab	$57,190	$200,000	$200,000	Aggregate mobile lab data to be included in annual reports; use prior data collected to quantify water savings and benefits; include good outreach element.	Yes
10319	6	Ag Water Management Council	Online AWMP application	$0	$91,875	$91,875	Provide a template example for a model plan following established guidelines.	Yes
10348	7	Cal Poly Corporation	Tech Assistance to Areas Serving Disadvantaged Communities	$0	$194,300	$194,300	Similar to proposal for urban projects. Tasks need to be detailed. Cost per applicant to be limited. Duration limited to schedule of Prop 50.	Yes
10113	8	El Dorado Irrigation District	Weather stations for the CABY foothill region	$154,572	$144,581	$144,581	Specify multiple benefits; include weather station costs and follow DWR criteria; Fund 4 stations and adjust budget. **Moved from Ag Section A to Ag Section B.**	Yes
10299	9	Ag Water Management Council	EWMP #B2 Facilitate Recycled Water Use Tech Guidance	$0	$117,443	$117,443	Include a complete outline for the booklet.	Yes
Proposals below this line received a score below 70.								
10318	10	Ag Water Management Council	Ranchette Smart Water Use Kit	$0	$114,640	$114,640	Suggest that more details are presented. The contents of the proposed guidebook should be strengthened and more specific to ranchette.	No
10389	11	Ventura County RCD	Irrigation Mobile Lab	$75,000	$197,496	$197,496	Low score due to third priority Bay Delta objectives.	No
10352	12	Ag Water Management Council	WUE Planning in a Watershed Context	$0	$113,033	$113,033	The proposal should show more specifics in work plan and describe how the proposed guidance will differ from all the guidance/instruction manuals.	No
10145	13	El Dorado Irrigation District	Conservation & Increased Ag WUE	$87,357	$82,090	$82,090	Too local of a project with minimal State benefit. **Moved from Ag Section A to Ag Section B.**	No

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Research & Development

PIN	Rank	Applicant	Title	Proposed Applicant Share	Requested Funds	Funds Adjusted to Cap	Comment*	Invite Back?
10360	1	University of California, Santa Barbara	Water Resource Savings from Control of Invasive Arundo donax	$75,000	$148,000	$148,000	The applicant should present details of the extent of this problem. In other words, how big of an area does Arundo donax cover? Has there been similar studies before? See #10198 for duplication.	Yes
10235	2	USDA-Agricultural Research Service	Improved prediction of irrigation water use Ca. crops from remote sensing	$51,300	$190,167	$150,000	**FS changed to R&D** subject to funding cap limit. Kc values should normally be used with Eto equations that were used in their development. How does using Kc developed from canopy cover be used with CIMIS Eto?. Reviewer expects detailed description of the model that is to be used to derive Kc from NDVI.	Yes
10361	3	University of California, Davis	Evaluating ET of Wine Grapes	$0	$149,997	$149,997		Yes
10443	4	University of California	Refined Crop Coefficients to Improve Planning & Management	$163,299	$149,534	$149,534	If measuring actual ET, why develop Kc.; How does the applicant know if actual ET from SEBAL is accurate?	Yes
10237	5	University of California, Merced	Refining seasonal wetland water requirements	$40,000	$198,500	$150,000	Consider to reduce cost in $10,000 by eliminating outreach workshops & training in year 1 and possibly reduce cost of ET estimates as much as possible.	Yes
10433	6	California State University, Fresno Foundation	Refined crop coefficients to improve water resources planning and management. Using remote sensing to understand interdependency between supply & ET.	$0	$198,000	$150,000	**Changed to R&D** subject to funding cap. Why is there a need to evaluate hydrologic years on ET for irrigated crops?	Yes
10161	7	University of California, Davis	Site-specific irrigation to improve WUE & crop quality	$0	$147,342	$147,342	Begin with studying the effect of soil variability on yield.	Yes
Proposals below this line received a score above 70 but exceeded 200% of available funds.								
10150	8	California State University Fresno Foundation	Development of Sequentially Activated Micro-Flood Irrigation System (SAMFIS)	$50,000	$148,189	$148,189	Include references from similar projects; Quantify benefits.	No
10321	9	University of California, Davis	Water use optimization in vineyards	$0	$149,575	$149,575	State share to be reduced if complementary projects are funded including reduction in administrative costs.	No
10455	10	California State University, Fresno Foundation	Comparison of Surface Renewal & Bowen Ratio ET	$0	$105,900	$105,900	The applicant needs to clarify the potential benefits of this project. The grantee should use the data colleted from the project on the Red Rock Ranch to quantify potential benefits that can be achieved as the result of this project.	No

Proposals below this line received a score below 70.								
10449	11	California State University, Fresno Foundation	Optimizing a highly saline drainage water re-use system	$0	$198,100	$150,000	The applicant has to be specific on exactly where the project will be and how big of an area it can cover. Also, present the expected quantities of water that could be saved as a result of using the SCADA system.	No
10381	12	Pacific Institute	Ag WUE Scenarios, w/and w/out climate change, to 2050	$0	$87,139	$87,139	Low potential to lead to actual water efficiency benefits.	No
10351	13	Ag Water Management Council	WUE Database Information System	$0	$99,698	$99,698	Minimal State benefits given the existence of similar databases within State agencies.	No
10277	14	California State University, Fresno Foundation	Utilizing Crop Modeling to Estimate Consumptive Use	$0	$148,250	$148,250	ET value is estimated as a residual and hence less accurate.	No
10451	15	California State University, Fresno Foundation	Standardized testing for soil moisture sensors	$30,750	$186,900	$150,000	Reduce the cost estimate of the testing, produced a more detailed cost estimate in both subtasks, explain how the general public and consumers will become aware of the testing results.	No

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Training, Education & Outreach

PIN	Rank	Applicant	Title	Proposed Applicant Share	Requested Funds	Funds Adjusted to Cap	Comment*	Invite Back?
10445	1	University of California, Davis	Water Balance Irrigation Scheduling w/CIMIS	$0	$98,882	$98,882	Needs detail of courses.	Yes
10333	2	Cal Poly Corporation	Accessible Education for Ag Irrigation	$0	$97,300	$97,300	Include incentives for taking courses. Report participation rates. Consider bilingual information.	Yes
10406	3	California State University, Fresno Foundation	Water Efficient Ag Irrigation Systems & Mgmt Education	$0	$99,640	$99,640		Yes
10401	4	University of California, Davis	Survey of Winegrape Irrigation Practices	$0	$99,750	$99,750		Yes
Proposals below this line received a score below 70.								
10320	5	Ag Water Management Council	H2Opedia.org	$0	$91,830	$91,830	Information is currently widely available. Applicant has not established the need for the project.	No
10456	6	Kings River Conservation District	Erosion Reduction Program	$75,000	$200,000	$100,000	Tasks were not well articulated. Local project with minimal State benefit.	No

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